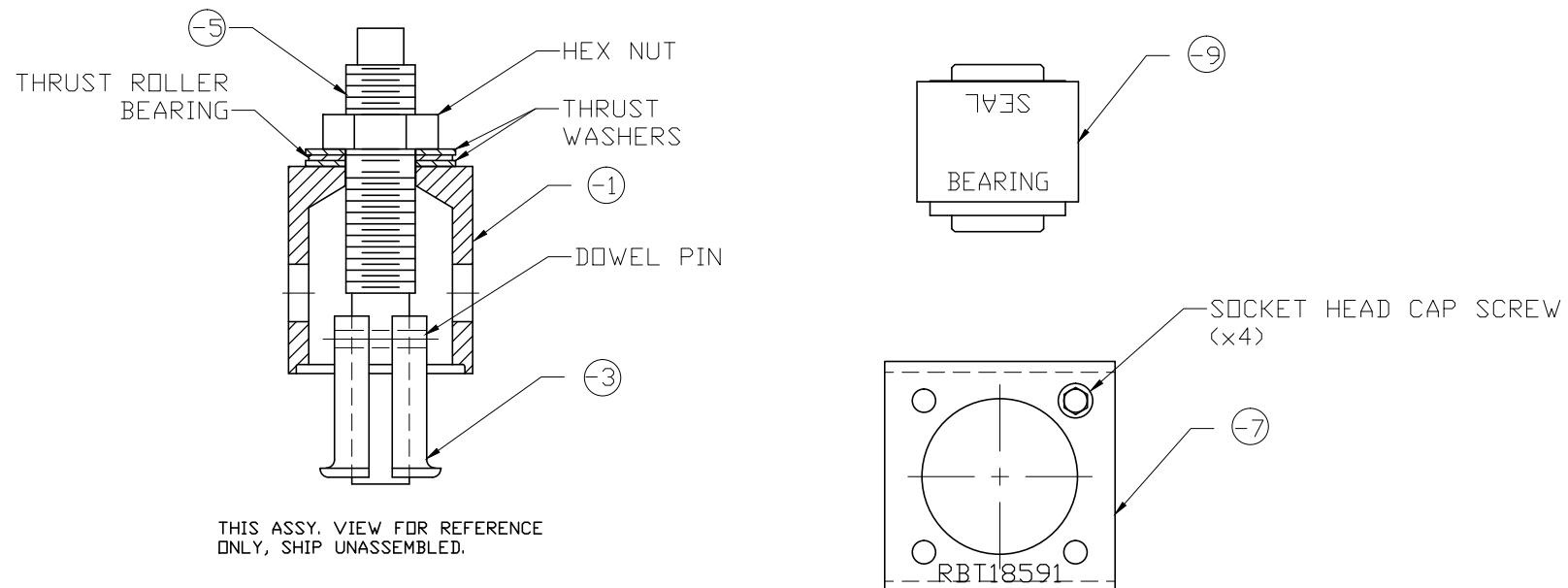


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REVISONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
1	ADDED CHAMFER TO -3 CORNERS, CHANGED O.D. FROM $\phi 1.300$ & BOTTOM RADIUS FROM .09, ALSO CHANGED -5 BOTTOM TOLERANCE FROM $.0625$ TO $.0615$	3/26/08	WP G.E.
2	ADDED (x2) TO -9 DIAMETERS & UPDATED SECTION VIEW MISSING LINES	4/29/09	RJC RW
2A	ADDED INSTRUCTIONS PER R.W.	2/17/10	RJC RW
2B	ADDED -9 DETAIL A TO CLARIFY LIP ON SEAL END OF INSTALL TOOL PER G.E. PUT ALL PARTS ON SEPARATE PAGES.	4/22/09	RJC GE



NOTE

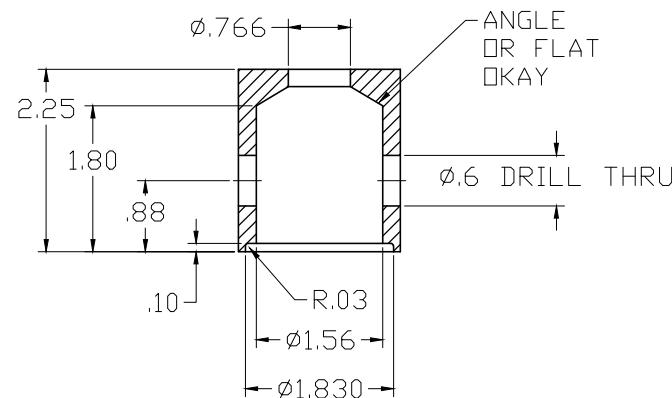
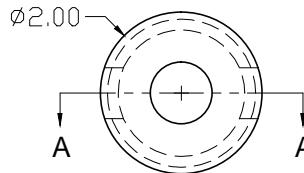
1. USED ON P/N 212-011-709-101, 212-011-716-001, 212-011-729-101 HOUSING ASSY'S

ASSY QTY	ASSY QTY	B/D	PART #	UNIT QTY	DESCRIPTION	MAT.	B/D INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	BASE	STRESS PROOF	$\phi 2 \times 2-3/8$	2
			-3	1 Pr	PULLER TEETH	4140 or 41L40	$\phi 1-3/8 \times 1-3/4$	3
			-5	1	PULLER ROD	B7 ALL - THREAD	$\phi 3/4-16$ NF $\times 4-7/8$	4
			-7	1	VISE FIXTURE	ALUMINUM	$2-1/2 \times 2-1/2 \times 3/4$	5
			-9	1	INSTALL TOOL	STRESS PROOF	$\phi 1.75 \times 2$	6
		BD		1	DOWEL PIN		$\phi 3/16 \times 1-1/4$ TD $1-3/8$ LONG	1
		BD		1	THRUST ROLLER BEARING		3/4 NTA-1220 OR EQUIV.	1
		BD		2	THRUST WASHERS		3/4 TRA-1220 OR EQUIV.	1
		BD		1	TALL HEX NUT		$3/4-16$ NF BLACK or PLAIN	1
		BD		4	SOCKET HEAD CAP SCREWS		$1/4-20 \times 1/2$ BLACK	1
ASSY #	BD		1		PISTOL CASE		RSR SPORTS #10137	N/S

RED BARN MACHINE	
TITLE	BEARING PULLER ASSY.
DWG NO.	RBT18591
REV	2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: COLE
TOLERANCES ON: DEIMALS	APPROVED: D. Neel
XXX $\pm .005$	HEAT TREAT
XX $\pm .01$	FINISH SPEC
X $\pm .1$	ANGLES $\pm .5^\circ$
USED ON MODEL	
BELL 212	
SEE NOTE #1	
SCALE	NTS
DATE	1/25/02
SHEET	1 of 7

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



DETAIL A

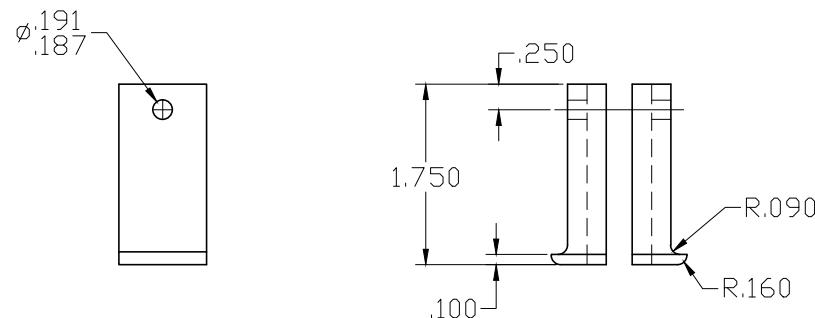
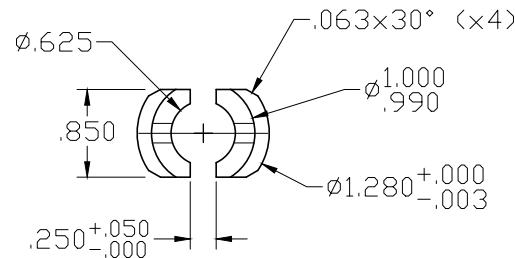
(-1)

BASE

RED BARN MACHINE	
BEARING PULLER	
DWG NO.	RBT18591-1
DRAWN BY:	COLE
APPROVED:	<i>D. Neel</i>
REV	2B
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
XXX ± .005	FRACTIONS ± 1/32
XX ± .01	ANGLES ± 5°
X ± .1	
HEAT TREAT	
FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
BELL 212	
SEE NOTE #1	
SCALE	NTS
DATE	1/30/01
SHEET	2 of 7

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
1		ADDED CHAMFER TO -3 CORNERS, CHANGED O.D. FROM $\phi 1.300$ & BOTTOM RADIUS FROM .09.		3/26/08	WP	G.E.



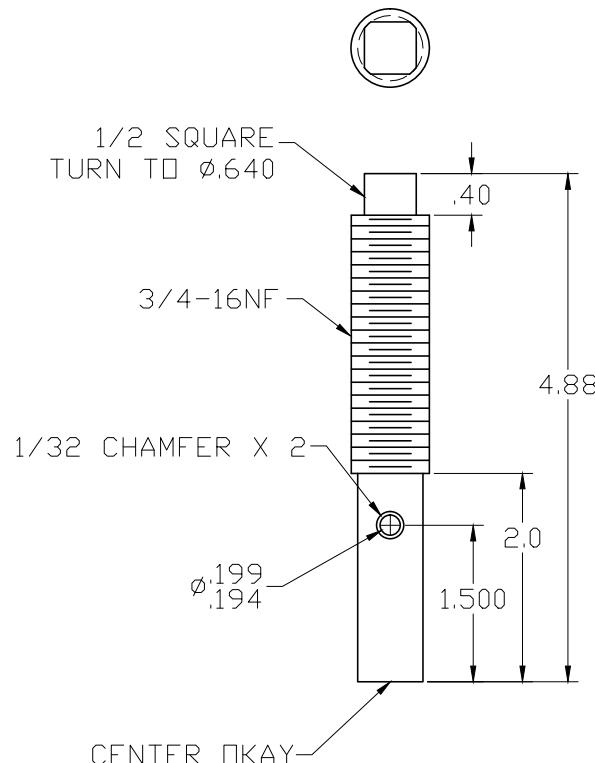
(3)

PULLER TEETH

 RED BARN MACHINE	
TITLE	
BEARING PULLER - FIXTURE	
DWG NO.	RBT18591-3
REV	2B
UNLESS OTHERWISE SPECIFIED	DRAWN BY: COLE
DIMENSIONS ARE IN INCHES	APPROVED: <i>D. Weil</i>
TOLERANCES ON:	HEAT TREAT: RC 32-42
DECIMALS	FINISH SPEC: BLACK OXIDE
XXX \pm .005	FRACTIONS \pm 1/32
XX \pm .01	ANGLES \pm 5°
X \pm .1	
USED ON MODEL	
BELL 212	
SEE NOTE #1	
SCALE	NTS
DATE	1/25/02
SHEET	3 of 7

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
1	CH'D -5 BOTTOM TOLERANCE FROM ϕ .625 TO ϕ .615.	3/26/08	WP GE



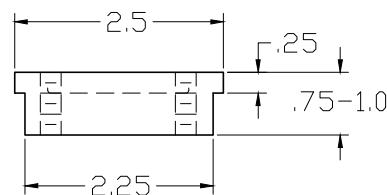
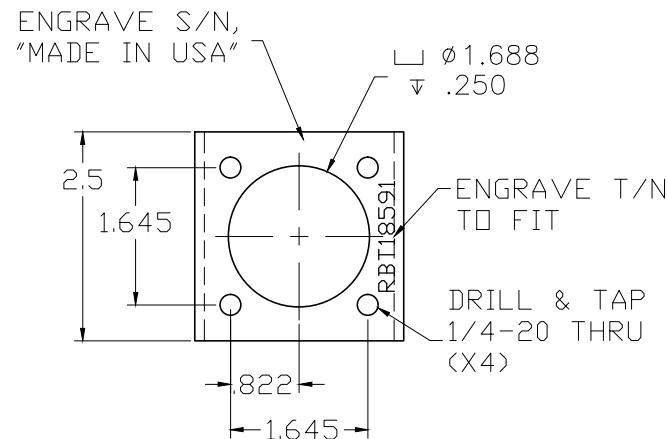
-5

PULLER ROD

RED BARN MACHINE	
TITLE BEARING PULLER - FIXTURE	
DWG NO.	REV
RBT18591-5	2B
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
XXX \pm .005	FRACTIONS \pm 1/32
XX \pm .01	ANGLES \pm 5°
X \pm .1	
APPROVED	
COLE	
D. Weil	
HEAT TREAT RC 32-42	
FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
BELL 212	
SEE NOTE #1	
SCALE NTS	DATE 1/25/02
SHEET 4 of 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



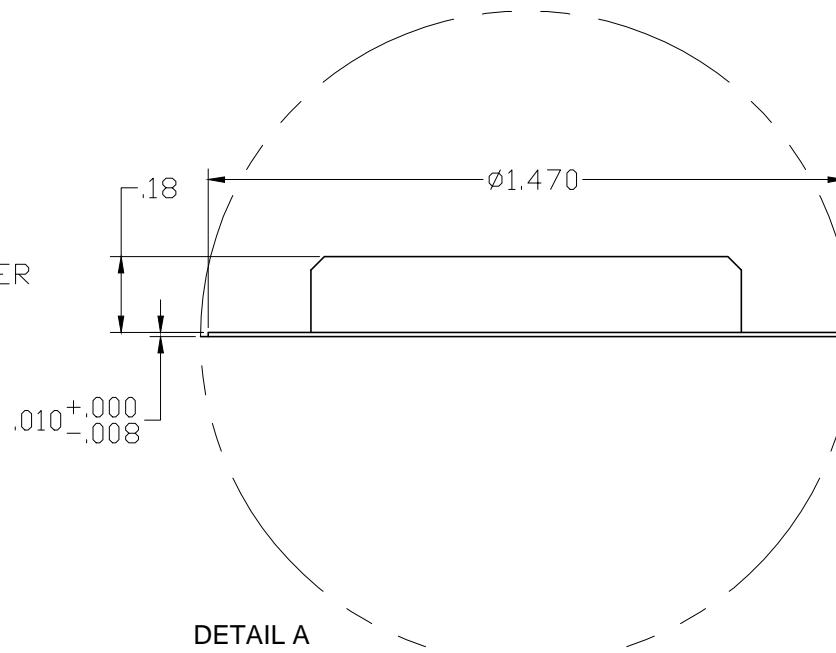
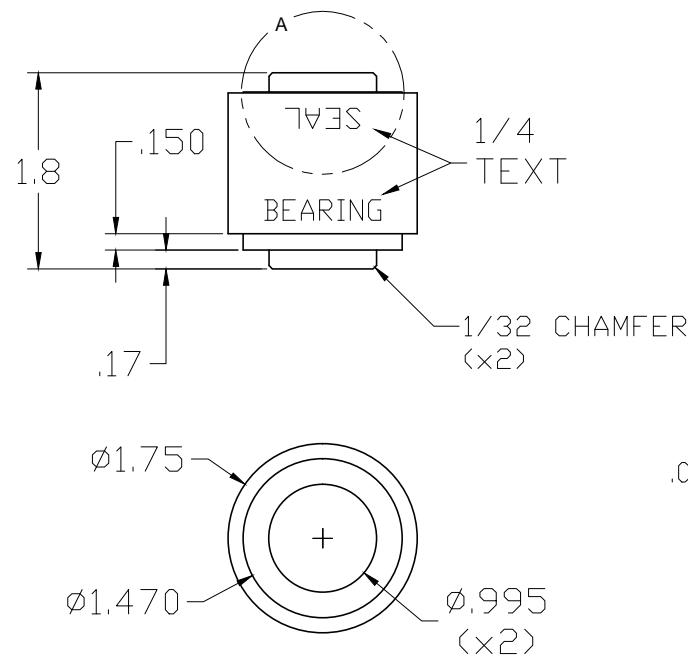
(7)

VISE FIXTURE

RED BARN MACHINE	
TITLE	
BEARING PULLER - FIXTURE	DWG NO.
RBT18591-7	REV
2B	
UNLESS OTHERWISE SPECIFIED	DRAWN BY:
DIMENSIONS ARE IN INCHES	COLE
TOLERANCES ON:	APPROVED
DECIMALS	<i>D. Neel</i>
XXX ± .005	HEAT TREAT
XX ± .01	FINISH SPEC
.X ± .1	ANODIZE BLACK
FRACTIONS ± 1/32	USED ON MODEL
ANGLES ± 5°	BELL 212
1. BREAK ALL SHARP EDGES	SEE NOTE #1
.015 x 45° PR .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 1/25/02
	SHEET 5 of 7

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
2	ADDED (x2) TO -9 DIAMETERS, & UPDATED SECTION VIEW MISSING LINES.	4/22/09	WP RW
2B	ADDED -9 DETAIL A TO CLARIFY LIP ON SEAL END OF INSTALL TOOL PER G.E.	4/22/09	RJC GE



(-9)

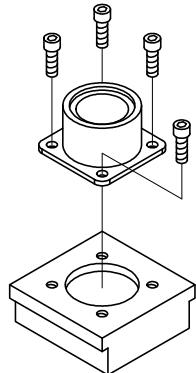
INSTALL TOOL

RB RED BARN MACHINE

TITLE BEARING PULLER - FIXTURE

DWG NO.	RBT18591-9	REV 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: COLE	
TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1	APPROVED: D. Neel	
FRACTIONS ± 1/32 .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC BLACK OXIDE	
1. BREAK ALL SHARP EDGES	USED ON MODEL: BELL 212	
SEE NOTE #1	SCALE NTS	DATE 1/25/02
		SHEET 6 of 7

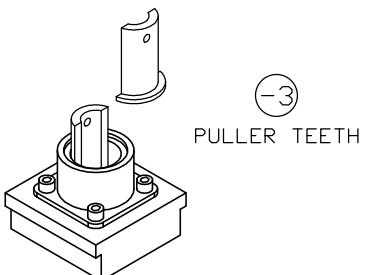
1



Use cap screws to fasten bearing housing assembly to -7 Fixture. Grip fixture in vise.

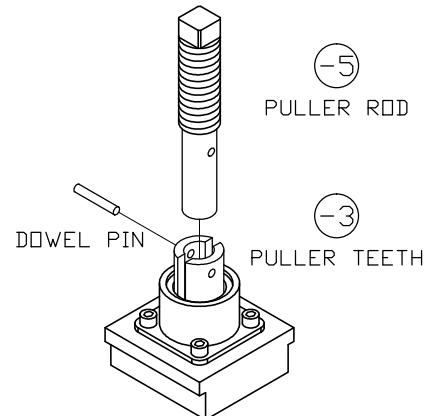
2

RED BARN MACHINE
190 South Danebo Ave
Eugene, Oregon 97402
(541) 344-9953; Fax 344-3863
E-mail: sales@redbarn.net



Place -3 Puller Teeth into bearing one at a time and slide foot of each -3 Puller Tooth underneath bearing.

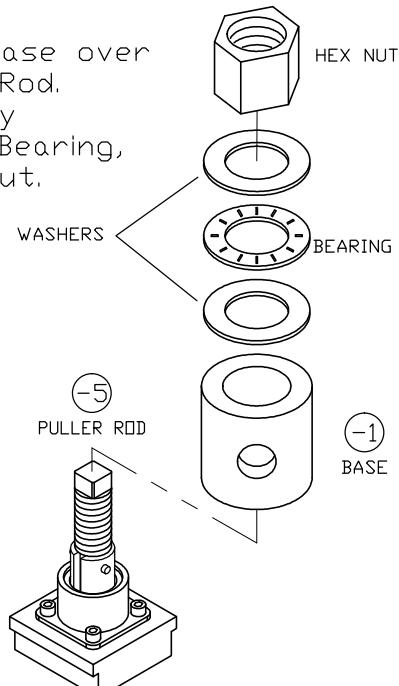
3



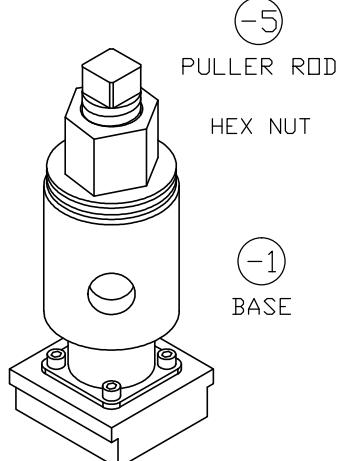
Slide -5 Puller Rod between -3 Puller Teeth and pin together with Dowel Pin.

4

Place -1 Base over -5 Puller Rod. Followed by Washers, Bearing, and Hex Nut.

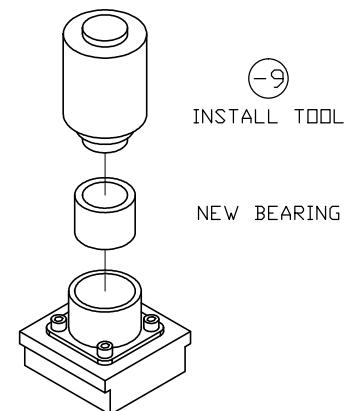


5



Gradually tighten Hex Nut to pull bearing while holding -5 Puller Rod with a 1/2 wrench to prevent rotation.

6



Press in new bearing using bearing end of -9 Install tool. Press in seal using seal end of -9 Install tool.

RB RED BARN MACHINE

TITLE

BEARING PULLER ASSY.

DWG NO.

RBT18591

SHEET 7 of 7

CUSTOMER 1 of 1